

Rockwell Hanford Operations
Energy Systems Group
P.O. Box 800
Richland, WA 99352



Rockwell
International

WM DOCKET CONTROL
CENTER

83 NOV 17 P3:13

November 11, 1983

In reply, refer to letter #R83-4212

Mr. O. L. Olson, Project Manager
Basalt Waste Isolation Project Office
U. S. Department of Energy
Richland Operations Office
Richland, Washington 99352

WM Record File

101.2

WM Project

10

Docket No.

PDR

LPDR

Dear Mr. Olson:

TELEPHONE CONFERENCE REPORTS
(Contract DE-AC06-77RL01030)

Distribution:

R. J. Wright

(Return to WM, 623-SS)

C2

Attached, please find a copy of our Telephone Conference Report. Per your instructions, we have also transmitted copies to the individuals identified on the distribution list.

• If you have any questions, please contact J. H. LaRue on 376-8506.

Very truly yours,

E. B. Ash, Director
Basalt Waste Isolation Project

EBA/jac

Att.

cc: J. H. Anttonen - DOE-RL
P. E. Rasmussen - DOE-RL
J. J. Sutey - DOE-RL
F. R. Cook - NRC
R. Nataraja - NRC
R. J. Wright - NRC

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PDR WASTE
WM-10 PDR

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Rockwell International

Rockwell Hanford Operations
Energy Systems Group

No. 10000-RJG-83-334

COPIES TO

TELEPHONE CONFERENCE

			Time 2:00 p.m.	Date 10/28/83
E. B. Ash	L. R. Fitch	Raj Nataraja (NRC)	<input checked="" type="checkbox"/> Incoming	<input type="checkbox"/> Outgoing
H. W. Brandt	J. H. LaRue	Robert Wright (NRC)	With Raj Nataraja	
J. L. Ash	File/LB	F. R. Cook (NRC-Hanford)	Representing Nuclear Regulatory Commission (NRC)	
D. A. Turner	Rec. Retn.	O. L. Olson (DOE-RL)	With	
K. Kim		R. P. Saget (DOE-RL) D. J. Squires (DOE-RL)	Representing	

Commitment Made ☒ Yes ☐ No

Purpose Of Telecon

Request for information by NRC on Near-Surface Test Facility (NSTF) Block Test.

Text Of Telecon

Mr. Nataraja requested the information on behalf of Bob Wright, NRC.

The NRC has contracted with a firm to provide analyses of basalt performance in situ under mechanical and thermal loads. The contractor has requested, via NRC, the following information:

- Physical description of the Block Test including block dimensions; heater and instrumentation types and locations; flatjack type, description, location, and operating description; and tendon type, description, location, and operating description.
- Physical description of the NSTF tunnels in the immediate vicinity of the Block Test.
- All data accumulated during testing to date on the Block Test.

I committed to provide the information requested to the Department of Energy-Richland Operations Office (DOE-RL) for transmission to NRC.

(Signature)

(Date)

COPIES TO

TELEPHONE CONFERENCE

		Time 1:00 p.m.	Date 11/1/83
		<input type="checkbox"/> Incoming	<input checked="" type="checkbox"/> Outgoing
E. B. Ash	Raj Nataraja (NRC)		
H. W. Brandt	Robert Wright (NRC)		
J. L. Ash	F. R. Cook (NRC-Hanford)	With	
D. A. Turner	O. L. Olson (DOE-RL)	Raj Nataraja	
K. Kim	R. P. Saget (DOE-RL)	Representing	
L. R. Fitch	D. J. Squires (DOE-RL)	Nuclear Regulatory Commission (NRC)	
J. H. LaRue		With	
File/LB/Rec. Retn.		Representing	

Commitment Made ☒ Yes ☐ No

File

Purpose Of Telecon

Clarification regarding NRC's request on Block Test data (refer to telephone conference report 10000-RJG-83-334.

Text Of Telecon

K. Kim requested more background information regarding NRC's need on Block Test data.

Dr. Nataraja stated that Acre's America, Inc. is performing geotechnical model

benchmarking work on behalf of the NRC and needs some input data such as constitutive relationships to check their numerical model's applicability to basalt type rocks.

Therefore, they need to have experimental data Rockwell Hanford Operations (Rockwell) has


obtained from the Block Test. The information should include the physical setup of the test, geology of the surrounding rock mass, instrument type and accuracy, and the data.

K. Kim explained to him that we have accumulated an extremely large amount of data which may be difficult for NRC to interpret without Rockwell's support. Al Jones suggested that NRC consider sending Acre's America's representative to Richland to have a meeting with Rockwell staff to review the Block Test data and identify their need clearly.

Dr. Nataraja agreed with our suggestion and committed to contact Acre's America, Inc.

to explore the possibility of visiting Richland together during the Exploratory Shaft

Test Plan Workshop. Dr. Nataraja is going to call K. Kim to inform us of their decision.


(Signature)

11/4/83
(Date)